

Title (en)

Turning bar for web material

Title (de)

Wendestange für Materialbahnen

Title (fr)

Barre de retournement pour des matériaux en bande

Publication

**EP 0582927 B1 19971119 (DE)**

Application

**EP 93112341 A 19930802**

Priority

- DE 4226386 A 19920810
- DE 4311437 A 19930407

Abstract (en)

[origin: EP0582927A1] During turning over in an x-z plane with movement in the direction of the z-axis, a turning bar (1; 58) simultaneously executes a movement in the x-direction. Both ends (3, 4) of the turning bar (1; 58) are in each case articulatedly connected to a turning bar holder (36, 42; 59, 61) which is movable in a manner guided in the direction of the z-axis. At least one turning bar holder (36; 61) is additionally movable in the x-direction of the right-angled x-z-coordinate system. The turning bar (1; 58) is by this means stably mounted and does not have to be guided in a slide guide. The direction of the air-blowing holes (11) is automatically adjusted through 180 DEG on the circumference of the turning bar (1; 58) during turning over of the latter. <IMAGE>

IPC 1-7

**B65H 23/32**

IPC 8 full level

**B41F 13/06** (2006.01); **B65H 23/32** (2006.01)

CPC (source: EP US)

**B65H 23/32** (2013.01 - EP US); **B65H 2406/1115** (2013.01 - EP US)

Cited by

EP2208616A1; US5967456A; EP0619257A3; DE102006050910A1; EP1916210A3; US7607605B2; WO9717202A3

Designated contracting state (EPC)

CH DE FR GB IT LI SE

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**EP 0582927 A1 19940216**; **EP 0582927 B1 19971119**; JP 2586875 B2 19970305; JP H06155703 A 19940603; RU 2107626 C1 19980327; US 5357859 A 19941025

DOCDB simple family (application)

**EP 93112341 A 19930802**; JP 19824493 A 19930810; RU 93040376 A 19930809; US 10391393 A 19930810